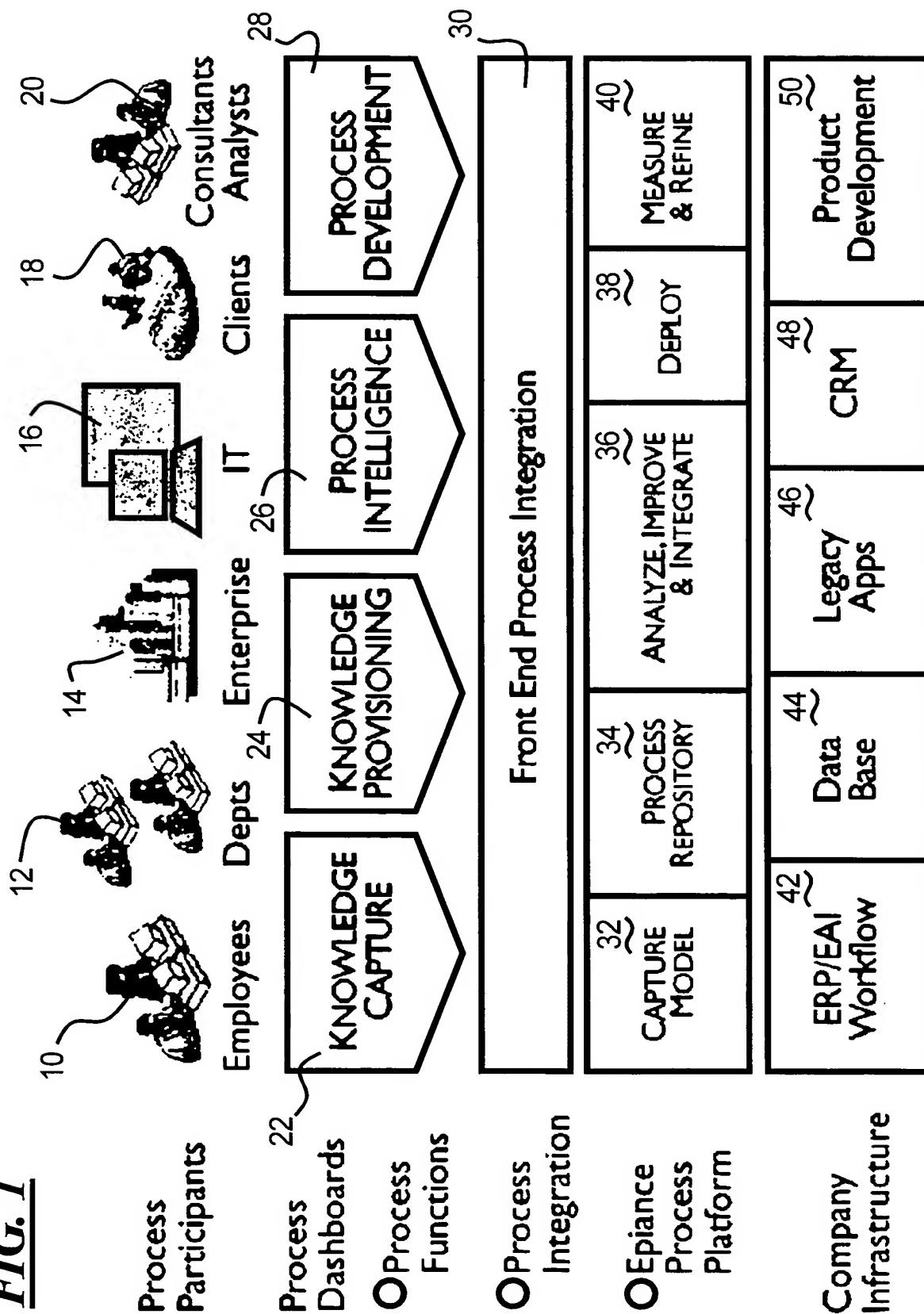
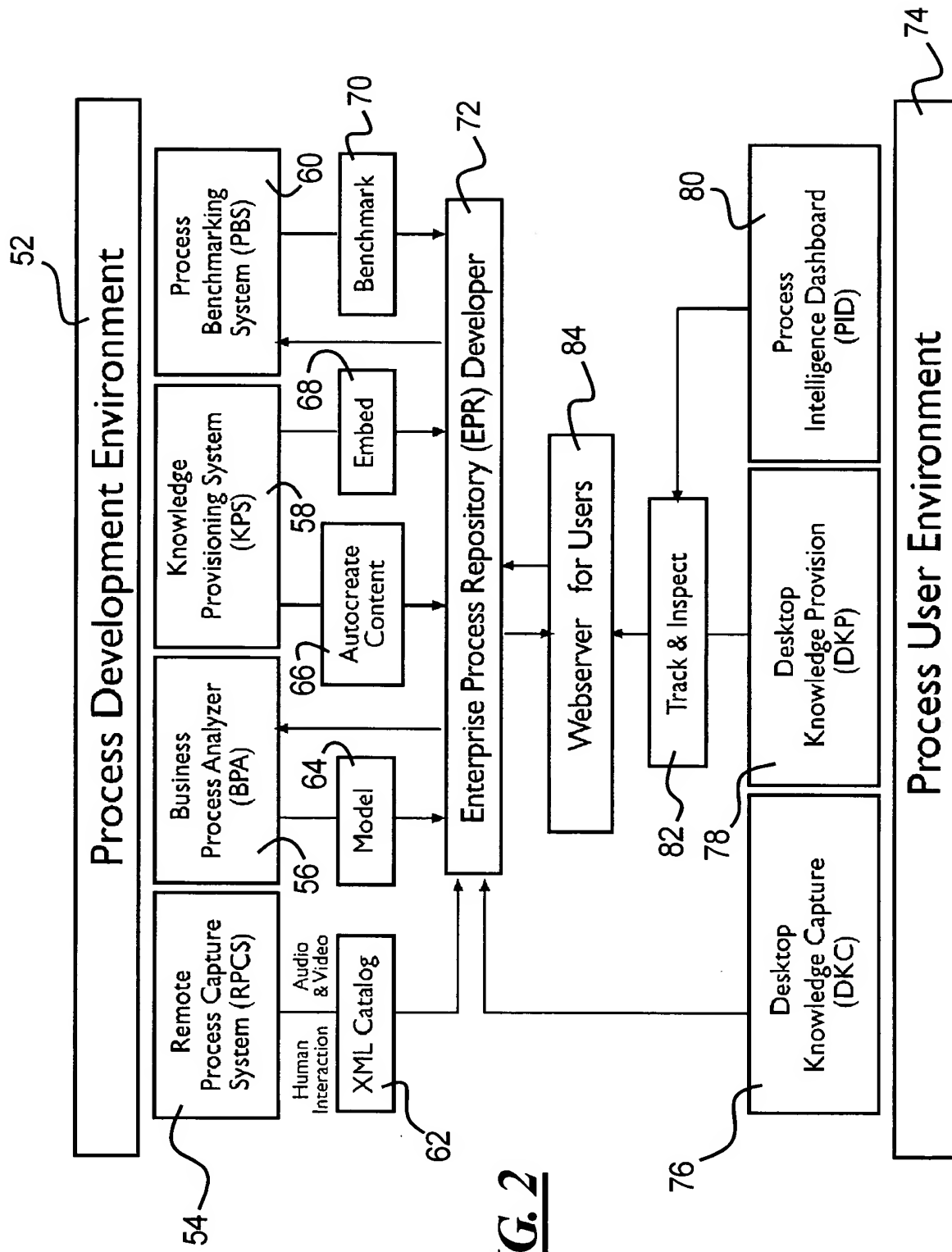
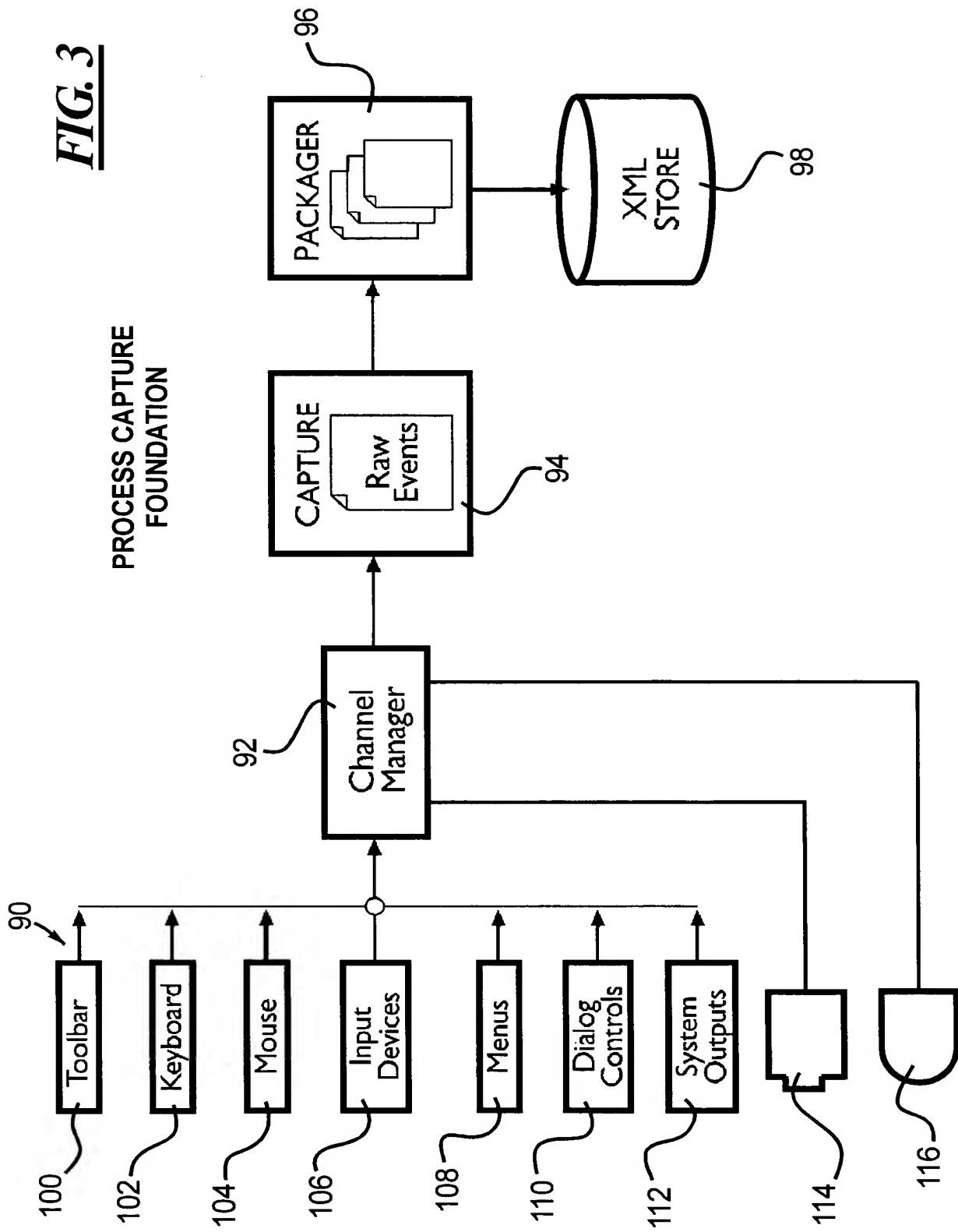


FIG. 1







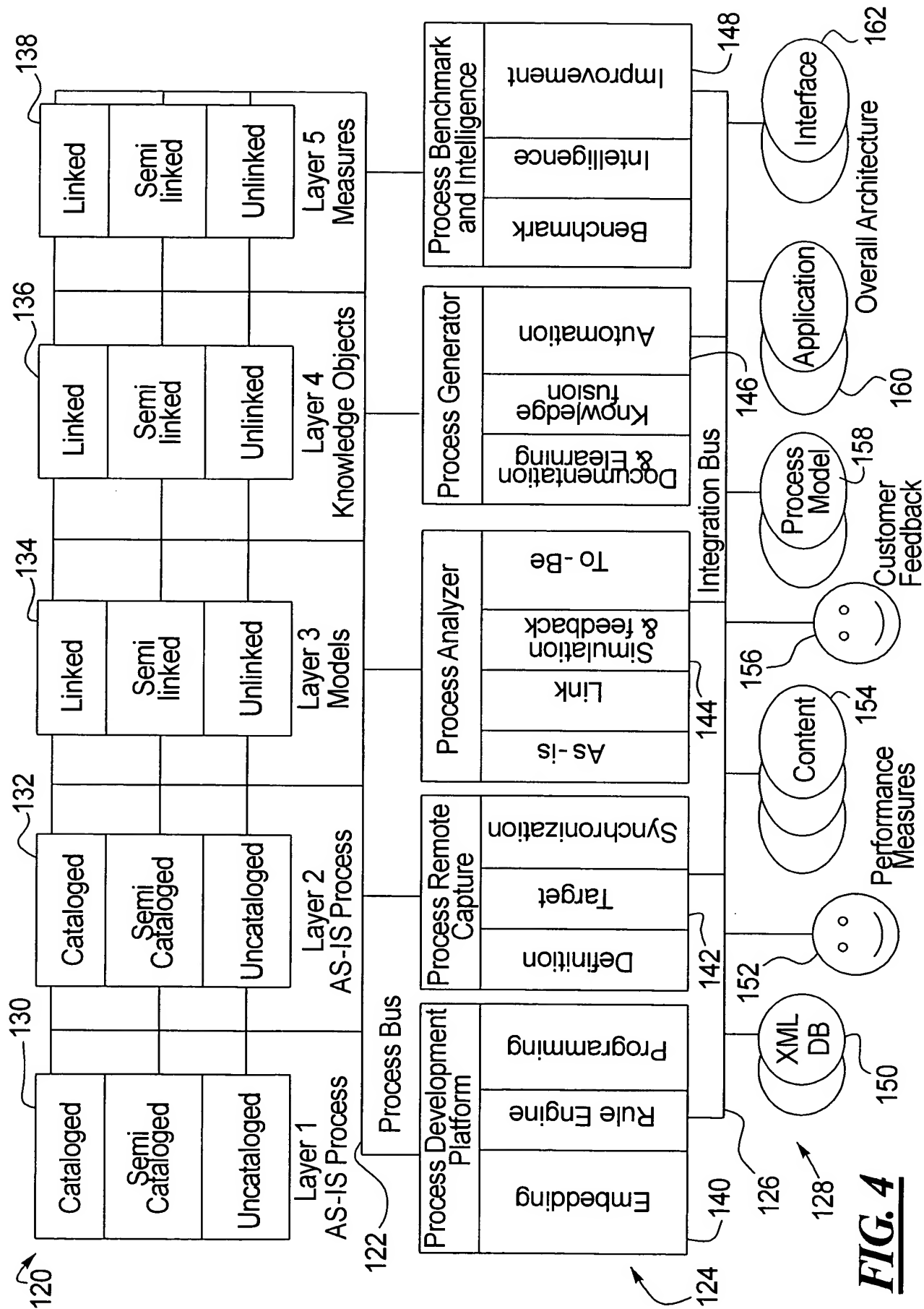


FIG. 4

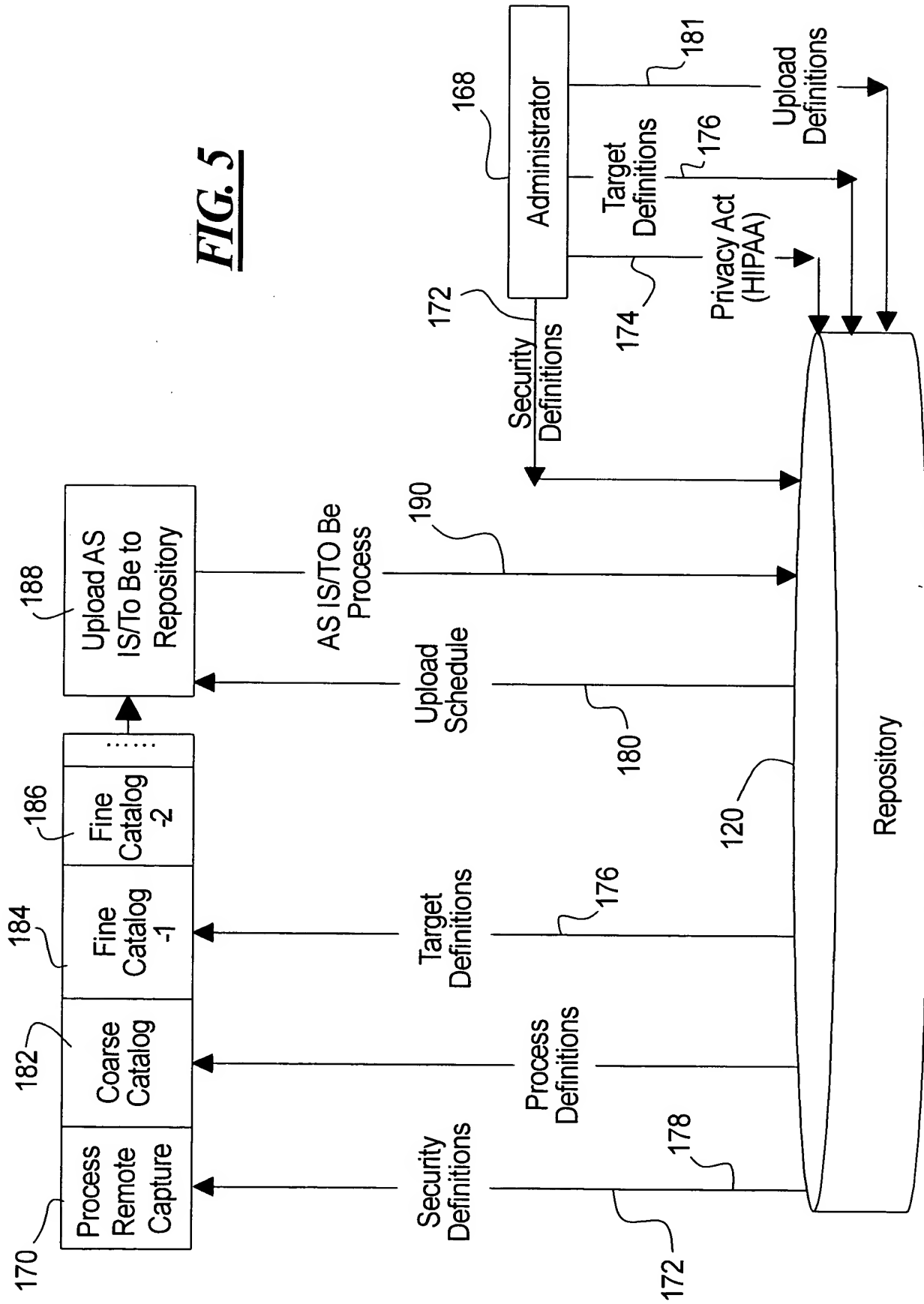


FIG. 5

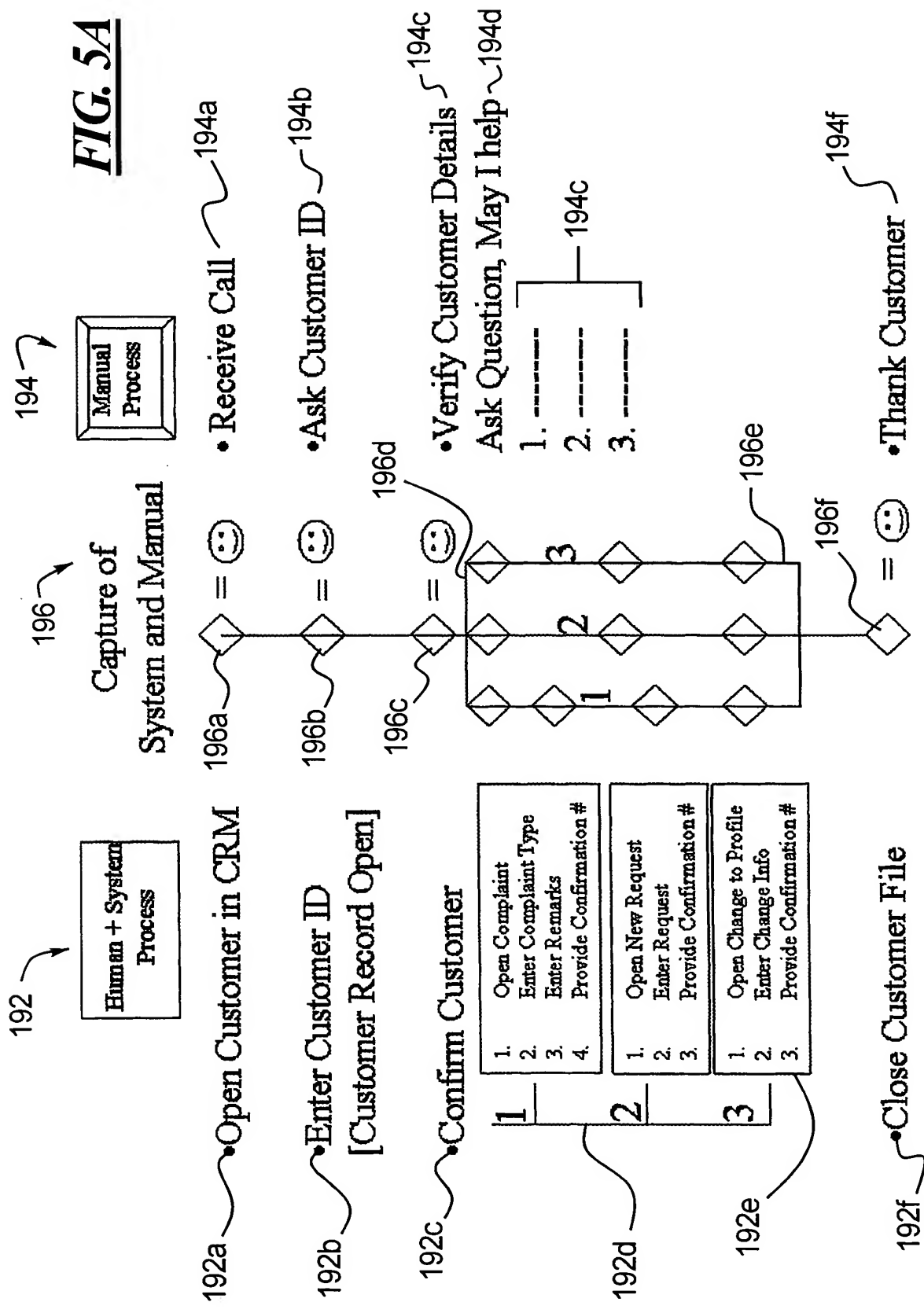
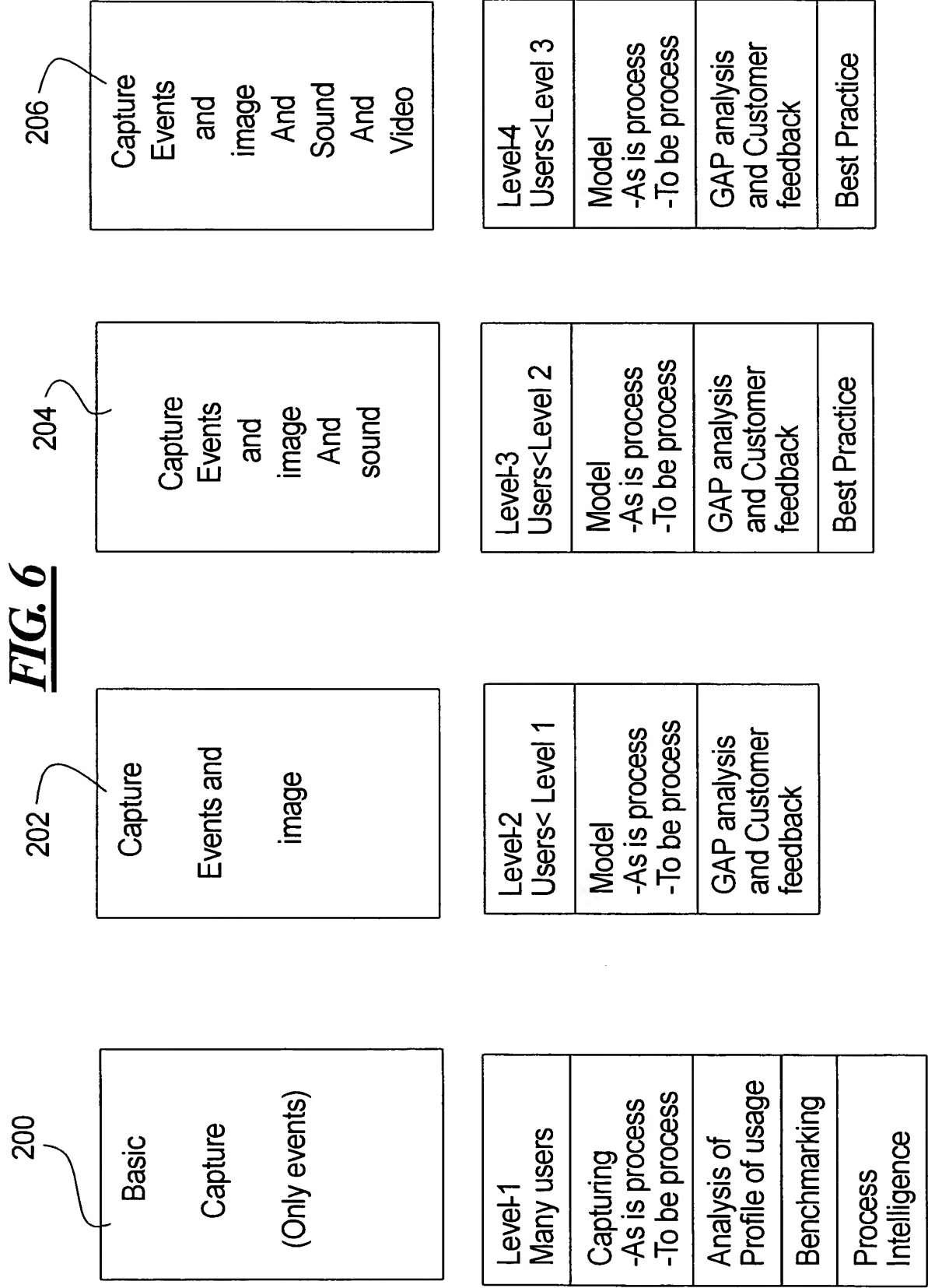


FIG. 5A



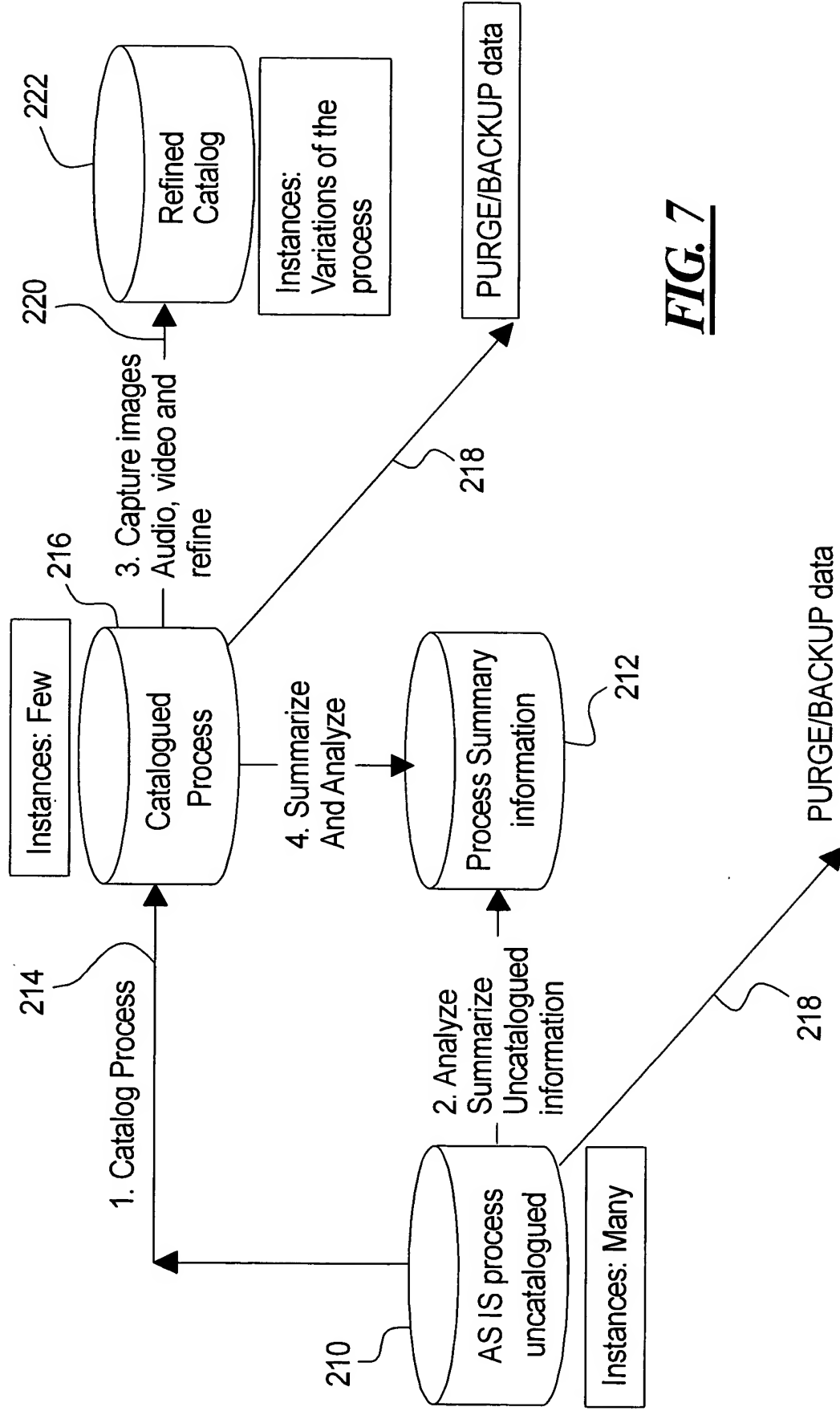
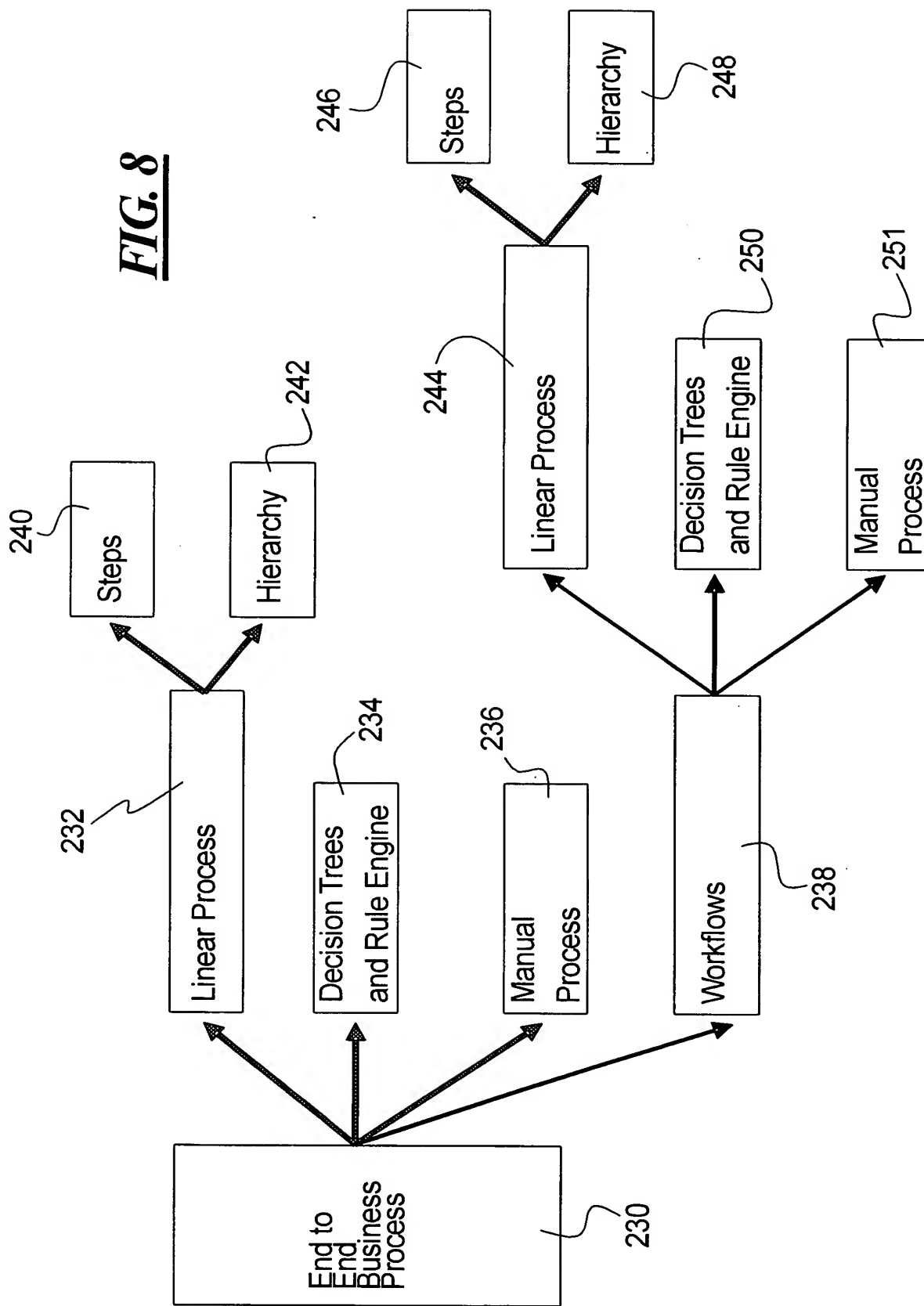


FIG. 7

FIG. 8



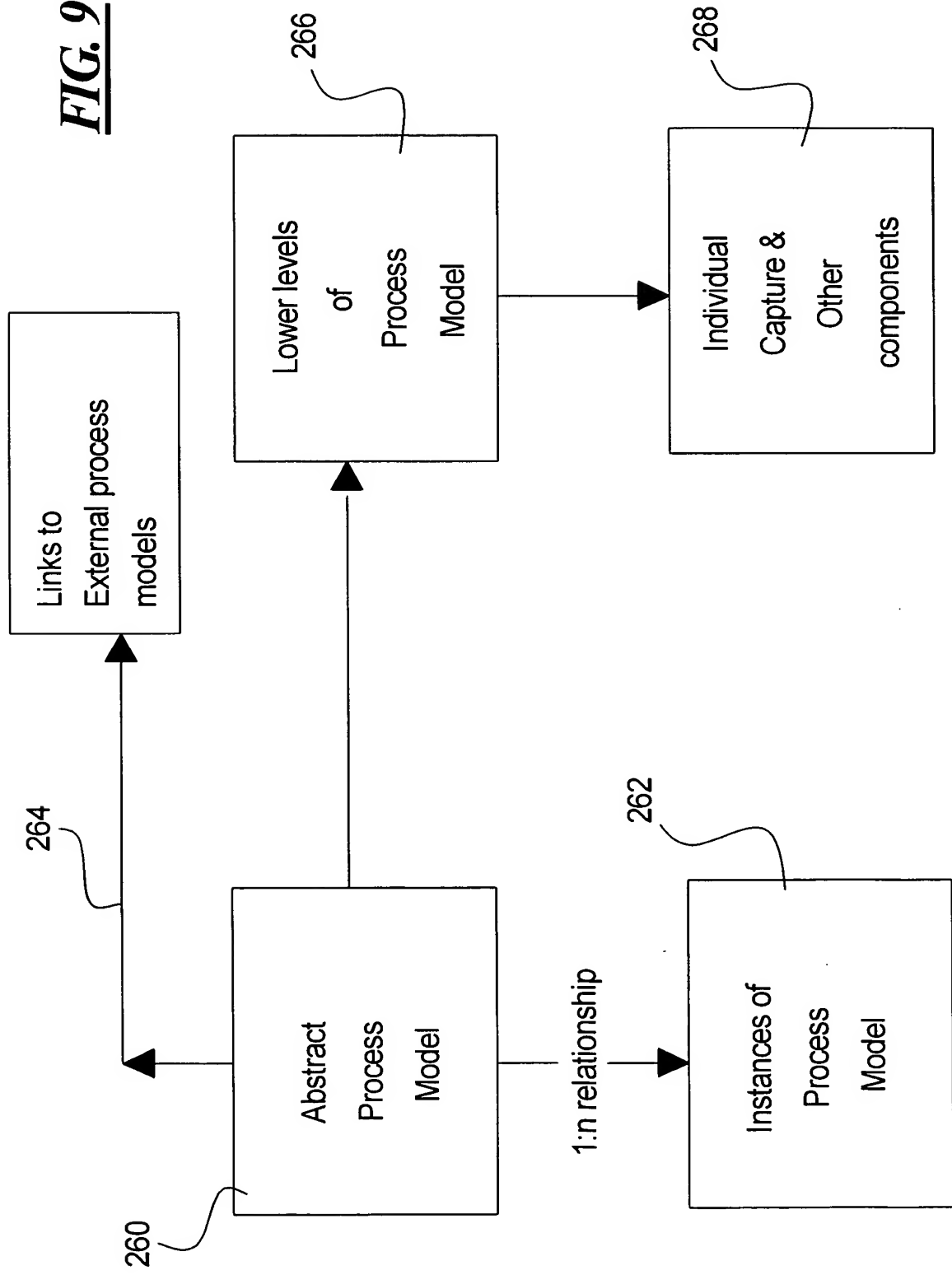


FIG. 9

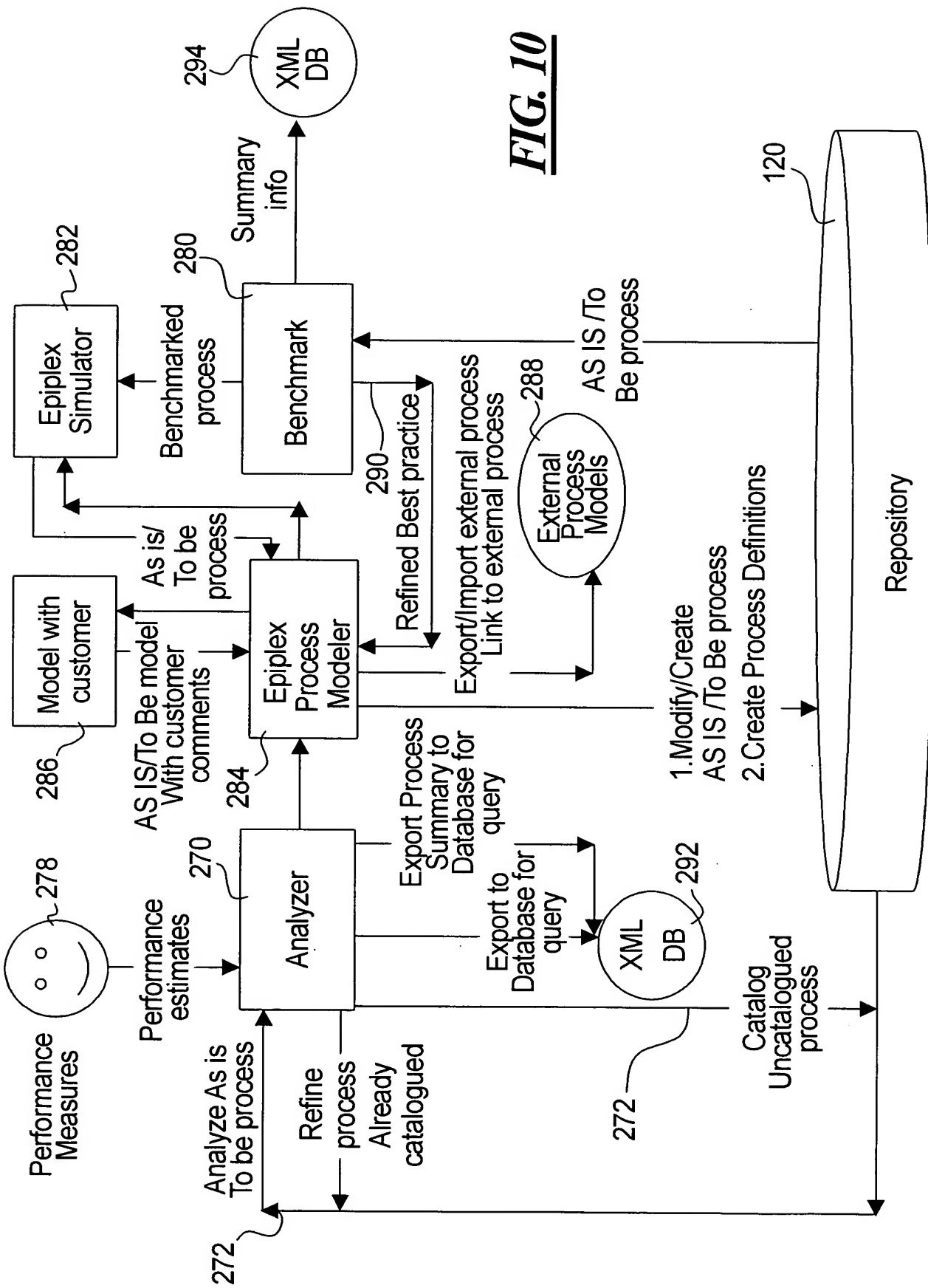


FIG. 10

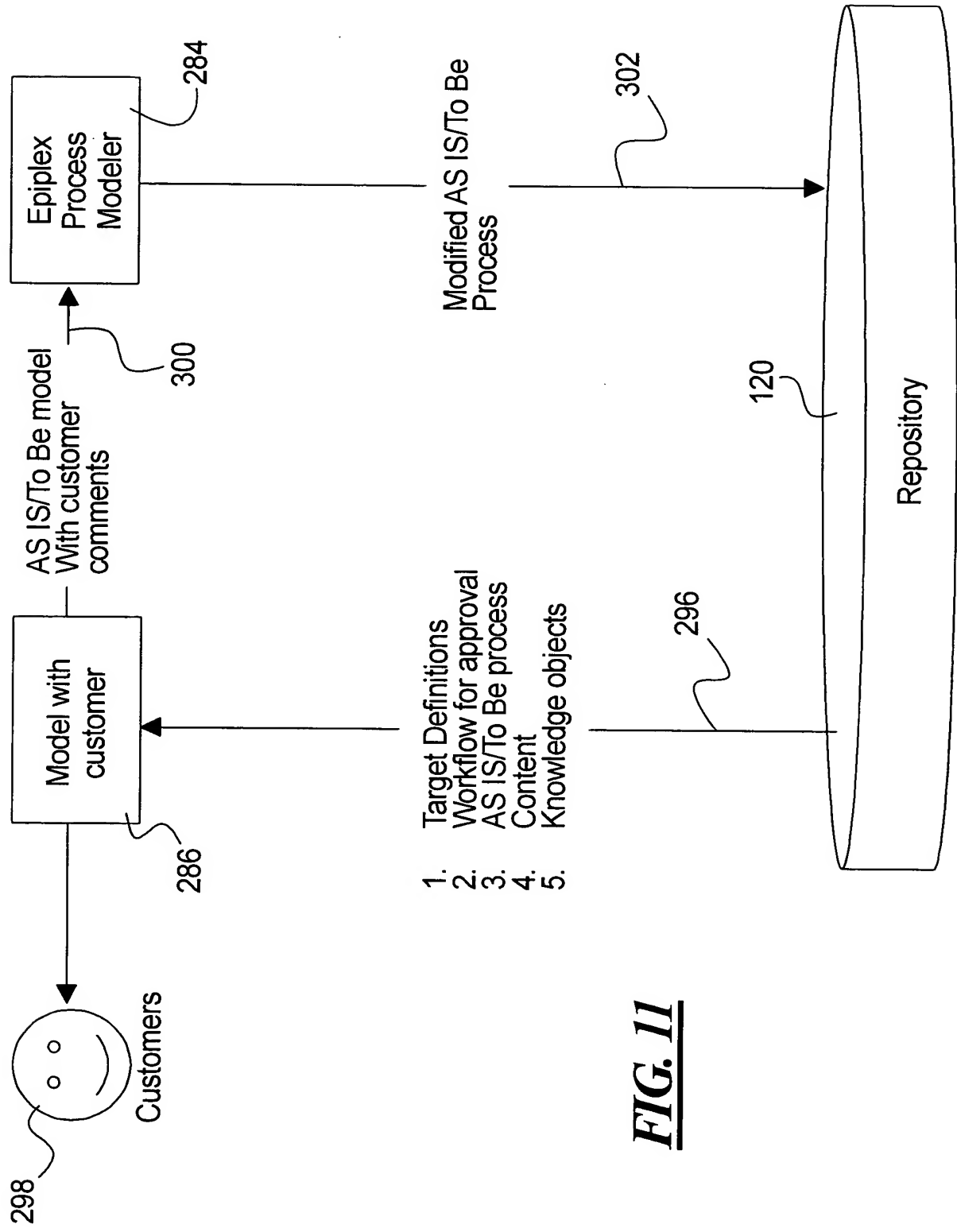


FIG. 11

FIG. 12

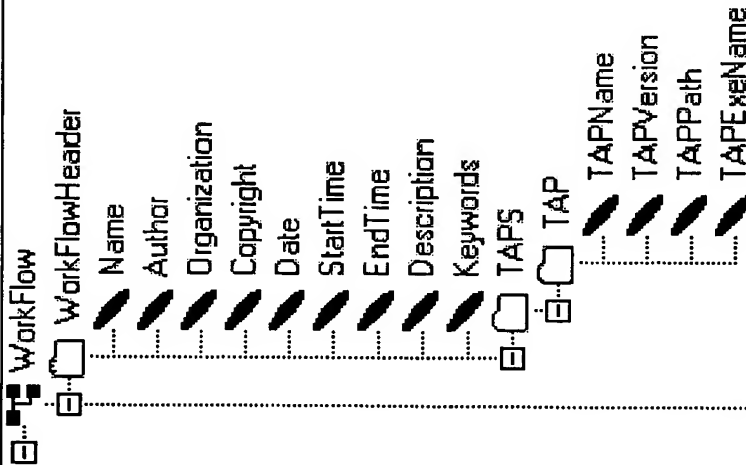
Workflow Header	Capture file nodes	Description
 <pre>graph TD Workflow[Workflow] --> WorkflowHeader[WorkflowHeader] Workflow --> TAPS[TAPS] TAPS --> TAP[TAP] TAP --> TAPName[TAPName] TAP --> TAPVersion[TAPVersion] TAP --> TAPPath[TAPPath] TAP --> TAPexeName[TAPexeName]</pre>	<p>The root node of the capture file</p> <p>The header node that stores the generic information</p> <p>Name automatically captured from the computer</p> <p>Author name entered in the capture properties</p> <p>Organization name entered in capture properties</p> <p>Copyright name entered in capture properties</p> <p>Start date of the capture</p> <p>Start date and time of the capture</p> <p>End date and time of the capture</p> <p>Description of the capture entered in capture properties</p> <p>Key words entered in capture properties</p> <p>Collection of applications encountered in this capture</p> <p>Information on one of the applications in this capture</p> <p>Application name</p> <p>Application version</p> <p>Location in the system in which capture was done</p> <p>Application executable name.</p>	

FIG. 13

Basic Step

Capture file nodes	Description
<pre> graph TD BasicStep[BasicStep] --> Id[Id] BasicStep --> BasicStepTime[BasicStepTime] BasicStep --> ActiveChannelId[ActiveChannelId] BasicStep --> TAP[TAP] TAP --> TAPName[TAPName] TAP --> TAPVersion[TAPVersion] TAP --> TAPPath[TAPPath] TAP --> TAPFileName[TAPFileName] TAP --> StandardControl[StandardControl] StandardControl --> Region[Region] Region --> Left[Left] Region --> Top[Top] Region --> Right[Right] Region --> Bottom[Bottom] StandardControl --> StdControlName[StdControlName] StandardControl --> StdDialogName[StdDialogName] StandardControl --> StdHighLevelEvent[StdHighLevelEvent] StandardControl --> StdControlCaption[StdControlCaption] StandardControl --> StandardControlIddata[StandardControlIddata] StandardControl --> Point[Point] Point --> X[X] Point --> Y[Y] </pre>	<p>The root node each event</p> <p>Serial number of the event</p> <p>Date and time at which this event was performed</p> <p>The channel used by capture</p> <p>Information on the application on which this event was performed</p> <p>Application name</p> <p>Application version</p> <p>Location in the system in which capture was done</p> <p>Application executable name.</p> <p>Details captured by Standard channel</p> <p>Region of the control on which the event was performed</p> <p>The screen coordinate (in pixels) of the left of the control</p> <p>The screen coordinate (in pixels) of the top of the control</p> <p>The screen coordinate (in pixels) of the right of the control</p> <p>The screen coordinate (in pixels) of the bottom of the control</p> <p>Name of the control on which the event was performed</p> <p>The dialog name on which the event was performed</p> <p>The description of the event that was performed</p> <p>The caption of the control on which the event was performed</p> <p>The data specific to the event that was performed</p> <p>Point at which the click event was performed</p> <p>Horizontal coordinate (in pixels) of the click point</p> <p>Vertical coordinate (in pixels) of the click point</p>

FIG. 14

Basic Step (contd.)

Capture file nodes	Description
<ul style="list-style-type: none"> MSAAControl <ul style="list-style-type: none"> MSAADialogName MSAAName MSAAEvent MSAAKeyboardShortcut MSAARole MSAAState MSAAValue MSAADescription MSAALocation <ul style="list-style-type: none"> Region <ul style="list-style-type: none"> Left Top Right Bottom MSAAMouseButton SpKeyStatus MSAAParentControl <ul style="list-style-type: none"> MSAAParentName MSAAKeyboardShortcut MSAAParentRole MSAAParentState MSAAParentValue MSAAParentDescription MSAAParentLocation <ul style="list-style-type: none"> Region <ul style="list-style-type: none"> Left Top Right Bottom MSAAControldata <ul style="list-style-type: none"> Point <ul style="list-style-type: none"> X Y FullImageStore <ul style="list-style-type: none"> ImageData <ul style="list-style-type: none"> FileType FileName FilePath 	<p>Details captured by MSAA, Java and IE channel</p> <p>The dialog name on which the event was performed</p> <p>Name of the control on which the event was performed</p> <p>The description of the event that was performed</p> <p>The keyboard shortcut for the event (if available)</p> <p>The type of control on which the event was performed</p> <p>The state of the control on which the event was performed</p> <p>The value of the control on which the event was performed</p> <p>The description of the control on which the event was performed</p> <p>Details of the location of the control</p> <p>Region of the control on which the event was performed</p> <p>The screen coordinate (in pixels) of the left of the control</p> <p>The screen coordinate (in pixels) of the top of the control</p> <p>The screen coordinate (in pixels) of the right of the control</p> <p>The screen coordinate (in pixels) of the bottom of the control</p> <p>The mouse button that was used to perform the event</p> <p>The state of the Ctrl, Alt, Shift keys when the event was performed</p> <p>Control that contains the control on which the event was performed</p> <p>Name of the parent control</p> <p>The keyboard shortcut for the parent control (if available)</p> <p>The type of control</p> <p>State of the parent control</p> <p>The value of the parent control</p> <p>The description of the parent control</p> <p>Details of the location of the parent control</p> <p>Region of the parent control</p> <p>The screen coordinate (in pixels) of the left of the parent control</p> <p>The screen coordinate (in pixels) of the top of the parent control</p> <p>The screen coordinate (in pixels) of the right of the parent control</p> <p>The screen coordinate (in pixels) of the bottom of the parent control</p> <p>The data specific to the event that was performed</p> <p>Point at which the click event was performed</p> <p>Horizontal coordinate (in pixels) of the click point</p> <p>Vertical coordinate (in pixels) of the click point</p> <p>Details of the image captured.</p>

FIG. 15

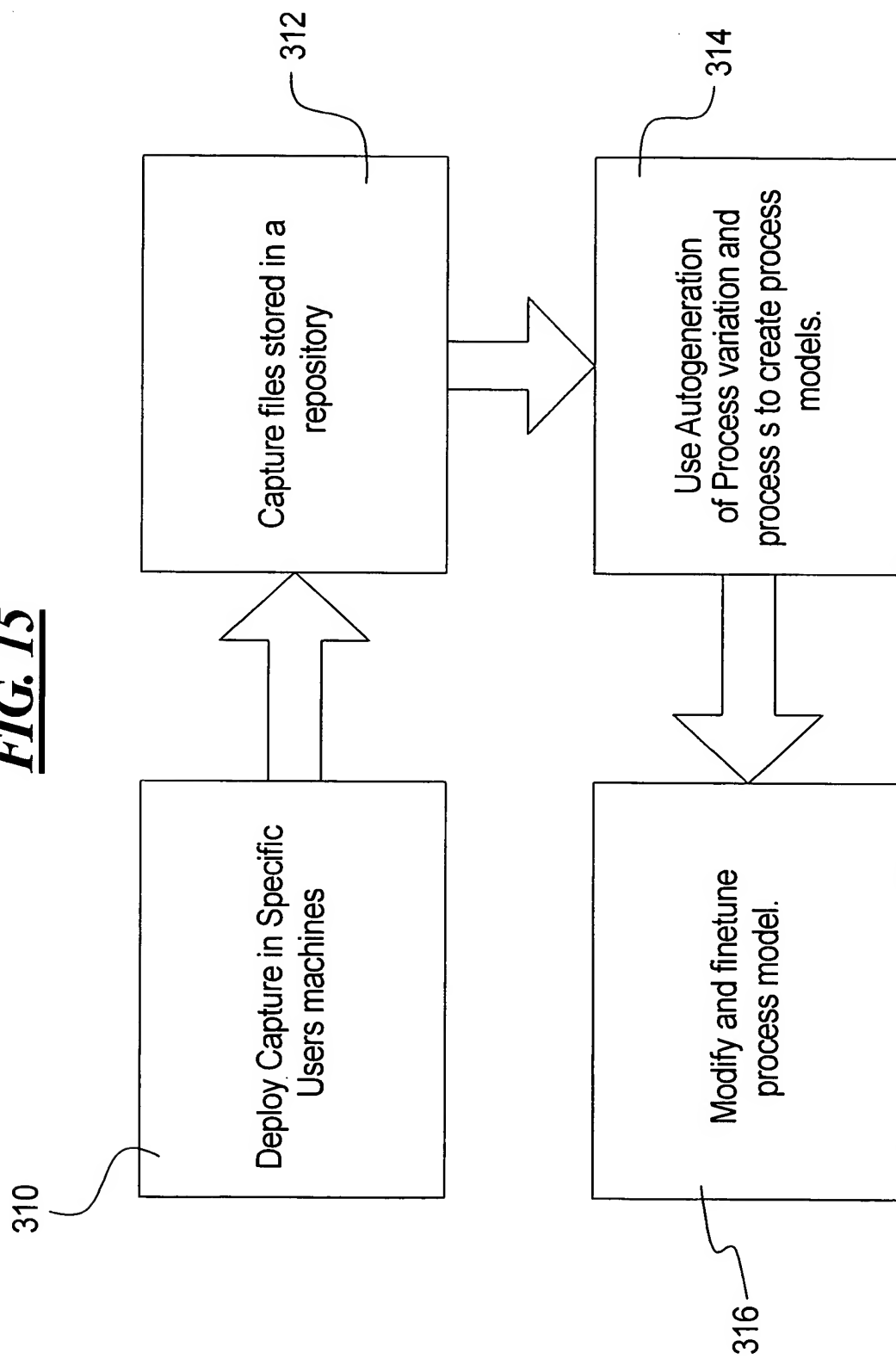


FIG. 16

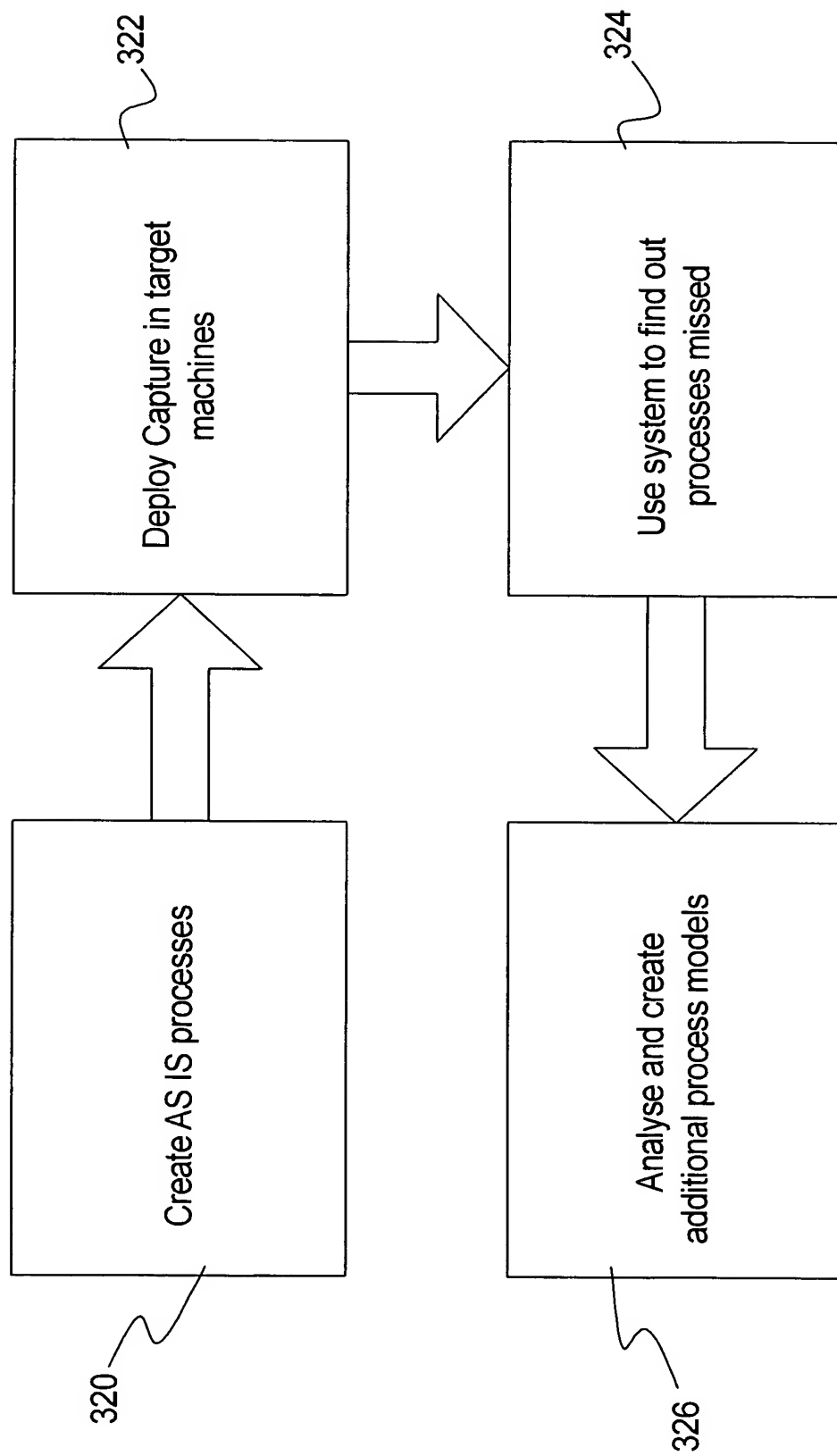


FIG. 17

